CLAIMS

What is claimed is:

1. An apparatus for updating capability negotiation information in a communication system running with a Mobile Station Application Execution environment (MExE), the apparatus comprising:

a mobile station with a memory;

a service provider network to provide content to the mobile station;

capability negotiation information to be provided by the mobile station to the service provider network; and

an editing application that is resident on the service provider network, wherein before a transfer of content to the mobile station, the editing application is downloaded to the mobile station, installed and executed to update the capability negotiation information with any changes to enable proper transfer and presentation of the content from the service provider to the mobile station.

2. The apparatus of claim 1, wherein the mobile station runs a kJava VM environment.

3. The apparatus of claim 2, wherein the editing application is implemented as a Java component providing portability.

4. The apparatus of claim 1, wherein the capability negotiation information is a resource description format (RDF) file and the editing application edits the RDF file.

5. The apparatus of claim 1, wherein the capability negotiation information includes user preferences.

6. The apparatus of claim 1, further comprising a prompt program resident in the mobile station, wherein before transfer of the capability negotiation information from the mobile station to the service provider network, the prompt program directs the service provider network to download the editing application to the mobile station, whereupon the mobile station installs and executes the editing application to update the capability negotiation information.

7. The apparatus of claim 1, wherein the mobile station dynamically downloads, installs and executes the editing application whenever there are changes in one of the group of mobile station capabilities and user preferences.

8. The apparatus of claim 1, wherein the mobile station purges the editing application from memory after the after the capability negotiation information has been updated.

9. An apparatus for providing capability negotiations in a communication system running with a Mobile Station Application Execution environment (MExE), the apparatus comprising:

a mobile station with a memory and kJava VM environment (virtual machine) resident thereon;

a service provider network to provide content to the mobile station;

capability negotiation information to be provided by the mobile station to the service provider network;

a editing application resident on the service provider network, the editing application being portable to the mobile station; and

a prompt program resident in the mobile station, wherein before transfer of the capability negotiation information to the service provider network from the mobile station, the prompt program directs the service provider network to download the editing application to the mobile station, whereupon the mobile station installs and executes the editing application to update the capability negotiation information to enable proper transfer and presentation of the content from the service provider to the mobile station.

10. The apparatus of claim 9, wherein the editing application is implemented as a Java component providing portability.

11. The apparatus of claim 9, wherein the capability negotiation information is a resource description format (RDF) file and the editing application parses the RDF file.

12. The apparatus of claim 9, wherein the capability negotiation information includes user preferences.

13. The apparatus of claim 9, wherein the mobile station dynamically downloads, installs and executes the editing application whenever there are changes in one of the group of mobile station capabilities and user preferences.

14. The apparatus of claim 9, wherein the mobile station purges the editing application from memory after the transfer of content from the service provider.

15. A method for providing capability negotiations in a communication system running with a Mobile Station Application Execution environment (MExE), the method comprising the steps of:

providing a mobile station with capability negotiation information, a memory, and a service provider network with an editing application resident thereon, the service provider network for transferring content to the mobile station;

porting the editing application from the service provider to the mobile station;

editing of the capability negotiation information by the editing application;

negotiating capabilities between the mobile station and the service provider network; and

transferring content in a proper format for presentation in the mobile station.

16. The method of claim 15, wherein the providing step includes providing a prompt program resident on the mobile station memory, and wherein the porting step occurs upon a prompt from the prompting program.

17. The method of claim 15, wherein, in the porting step, the editing application is implemented as a Java component providing portability, and wherein in the providing step, the mobile station runs a kJava VM environment.

18. The method of claim 15, wherein, in the providing step, the capability negotiation information includes a resource description format (RDF) file.

19. The method of claim 15, wherein, in the providing step the capability negotiation information includes user preferences.

20. The method of claim 15, further comprising the step of purging the editing application from the memory of the mobile station anytime after the editing step.